

Claims

1. A display comprising:

a plurality of light-emitting devices;

switching units operable to switch on and off of the respective

5 light-emitting devices;

a drive circuit operable to drive the switching units;

a display unit mounted with the light-emitting devices and the
switching units; and

a drive unit disposed on an edge of the display unit mounted

10 with the drive circuits.

2. A display according to claim 1, wherein the display unit is
a sheet, the drive unit is formed on a core unit on an edge of the
display unit and having a hardness larger than the display unit.

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3. A display according to claim 2, wherein the drive unit is formed
on the edge of the display unit, and the edge cures and becomes
the core unit by forming the drive unit.

20 4. A display according to claim 2, wherein a core member mounted
in advance with the drive unit is fixed on the edge of the display
unit as the core unit.

5. A display according to claim 2, wherein the drive unit is formed
25 in a state that the core member is fixed on the edge of the display

unit as the core unit.

6. A display according to claim 2, wherein an organic TFT (Thin Film Transistor) is used to the switching unit.

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7. A display according to claim 2, wherein a crystal type of CMOS-IC (Complementary Metal Oxide Semiconductor-Integrated Circuit) is used to the drive circuit.

10 8. A display according to any one of claims 2 to 5, wherein the core unit is provided with power supply means for supplying electric power to the light-emitting devices.

15 9. A display according to claim 8, wherein the power supply means is formed by a battery.

10. A display according to claim 9, wherein the battery as the power supply means is charged from a solar battery or a sheet battery.

20 11. A display according to claim 8, wherein the core unit is provided with a connector for supplying electric power from outside to the power supply means.

25 12. A display according to claim 1, wherein the drive circuit is provided with a data setting unit for setting a data for controlling

the switching device.

13. A display according to claim 12, wherein a device
characteristic of the switching unit is different from a device
5 characteristic of the data setting unit.

14. A display according to claim 13, wherein the device
characteristics are operating frequencies.

10 15. A display according to claim 13, wherein the device
characteristics are an operating frequency, and a mechanical
flexibility of a material forming the device.

16. A display according to claim 13, wherein the data setting time
15 per light-emitting device of the data setting unit is not more than
1 percent of the switching time per light-emitting device of the
switching unit.

17. A display according to claim 12, further comprising:

20 a control unit operable to control the supply of electric power
to the data setting unit,

wherein, in case of inputting no data to the display for a
specific time, the control unit shuts off the supply of electric
power to the data setting unit.

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18. A display according to claim 12, further comprising:

a control unit operable to control the supply of electric power to the data setting unit, responsive to at least two modes of a dynamic image mode for displaying a data inputted to the display on the display unit as a dynamic image, and a static image mode for displaying the data as a static image; and

a data latch unit operable to latch a data outputted from the data setting unit and output the latched data to the switching unit,

wherein, in the static image mode, after the data latch unit latches the data outputted from the data setting unit, by the time when the data is inputted to the display unit, the data control unit shuts off the supply of electric power to the data setting unit.

19. A display according to claim 18, further comprising:

a storage unit for storing the data latched by the data latch unit,

wherein, when the electric power to be supplied to the display unit is shut off all and then supplied again, the control unit supplies the electric power to each unit in a state same as before the supply of power is shut off, as well as set the data stored in the storage unit to the data latch unit.